

Docket: 71626 US03



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Shelton et al.

Serial No.: 10/796,235

Group Art Unit: 1761

Filed: March 09, 2004

Examiner:

For: LOW MOLECULAR WEIGHT CARBOXYALKYCELLULOSE ESTERS AND  
THEIR USE AS LOW VISCOSITY BINDERS AND MODIFIERS IN COATING  
COMPOSITIONS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicant are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Respectfully submitted,

Polly C. Owen  
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Registration No. 44,991

March 19th, 2007  
Date

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CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

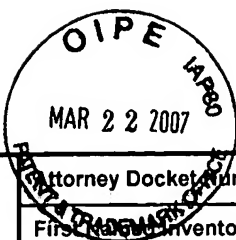
I hereby certify that this paper (along with any paper(s) referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary Harrison  
Mary Harrison

March 20, 2007  
Date

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Substitute for form 1449		Attorney Docket Number	71626 US03		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		First Named Inventor	Shelton et al.		
		<b>COMPLETE IF KNOWN</b>			
		Application Number	10/796,235		
		Filing Date	March 09, 2004		
		Group Art Unit	1761		
Sheet	1	of	6	Examiner Name	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		3,411,941		Lowe, et al.	11-19-1968
		4,595,722		Such	06-17-1986
		4,598,015		Panush	07-01-1986
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		4,605,687		Panush	08-12-1986
		4,692,481		Kelly	09-08-1987
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		4,714,634		Miyazona et al.	12-22-1987
		4,725,640		Cowles	02-16-1988
		4,732,790		Blackburn et al	03-22-1988
		4,732,791		Blackburn et al	03-22-1988
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		4,753,829		Panush	06-28-1988
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		4,855,184		Klun et al.	08-08-1989
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		4,888,372		Abrams et al.	12-19-1989
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		5,051,473		Tabuchi et al.	09-24-1991
		5,086,144		Shalati et al.	02-04-1992

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Sheet	2	of	6	Examiner Name	

		5,089,313		Cope	02-18-1992
		5,091,010		Souma et al	02-25-1992
		5,256,453		Heithorn et al.	10-26-1993
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		5,283,126		Rasmussen et al.	02-01-1994
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		5,389,139		Carpenter et al.	02-14-1995
		5,418,293		Numa et al.	05-23-1995
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		5,580,819		Li et al.	12-03-1996
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		5,670,141		Nebra	09-23-1997

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Sheet	3	of	6	Examiner Name					

		5,721,015		Iwamura et al.	02-24-1998
		5,744,243		Li et al.	04-28-1998
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		6,592,944		Uhlianuk et al.	07-15-2003
		6,596,069		Ido et al.	07-22-2003

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Sheet	4	of	6	Examiner Name					

		6,607,833		Uhlianuk et al.	08-19-2003
		6,632,852		Chen et al.	10-14-2003
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		60/810,923		Bhattacharya et al.	06-05-2006
		60/810,924		Bhattacharya et al.	06-05-2006

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		60/845,288		Bhattacharya et al.	09-18-2006
		60/845,374		Bhattacharya et al.	09-18-2006

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 455 211	B2	Herberts Gesellschaft	04-05-1995	
		EP	0 803 552	B2	Eckart-Werke Standard et al	05-10-2000	
		EP	0 515 208	A3	Nisshinbo Industries, Inc.	11-25-1992	
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		EP	1 574 554	A3	Nippon Paint Co., Ltd.	09-14-2005	
		EP	0 289 997	A2	Herberts & Co. GmbH	11-09-1988	
		WO	99/59753		Hoganas AB	11-25-1999	
		WO	04/83253		Eastman Chemical Company	09-30-2004	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
		Malm, Carl J.; Fordyce, Charles R.; Tanner, Howard A. "Properties of Cellulose Esters of Acetic, Propionic, and Butyric Acids," <i>Ind. Eng. Chem.</i> , 1942, 34(4), 430		
		Abatzoglou, N.; Chornet, E. "Acid Hydrolysis of Hemicelluloses and Cellulose: Theory and Applications," in <i>Polysaccharides: Structural Diversity and Functional Versatility</i> , ed. S. Dumitriu, Marcel Dekker, Inc., New York, 1998		

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		International Search Report and Written Opinion of the International Searching Authority for PCT Application PCT/US2006/015573	
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